

ABSTRACT

A stable FePt plating solution is provided. Further, a process for electroplating is provided for producing an FePt magnetic material having an especially
5 strong coercive force and excellent properties by using the plating solution. The plating solution contains ionic Fe, ionic Pt, and a complex agent, at a molar ratio (Fe/Pt) of the ionic Fe to the ionic Pt ranging from 0.75 to 3.